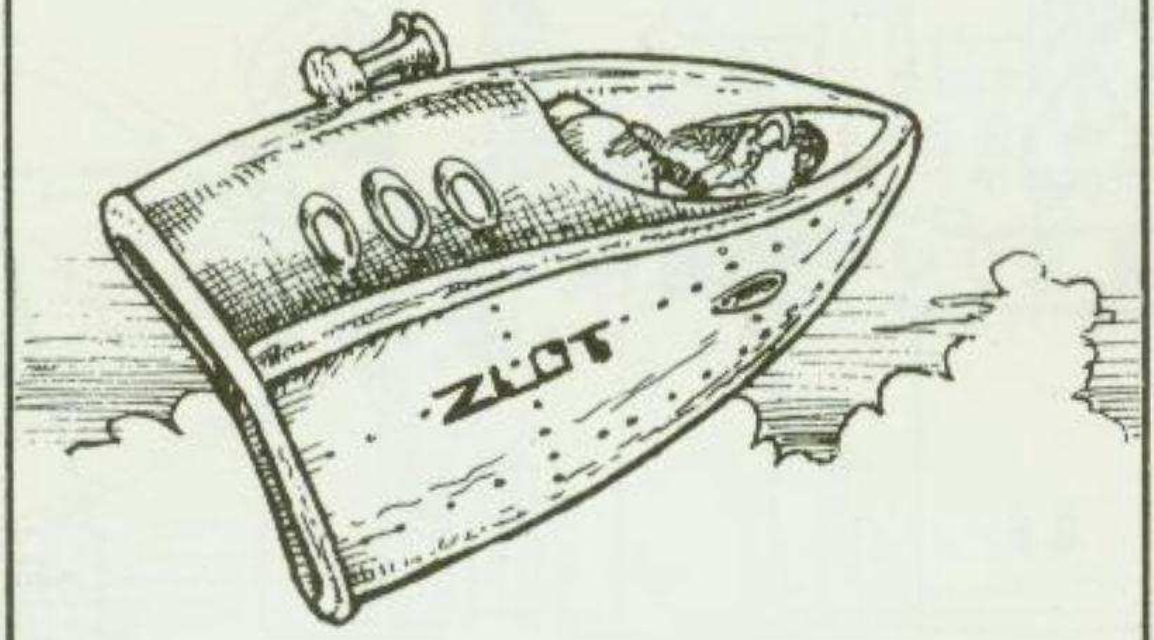
THE ZLOTNIAN CALCULATOR T.M.



©1976 by Fingerbrain Co.

OFFICIAL DIGITAL CAL
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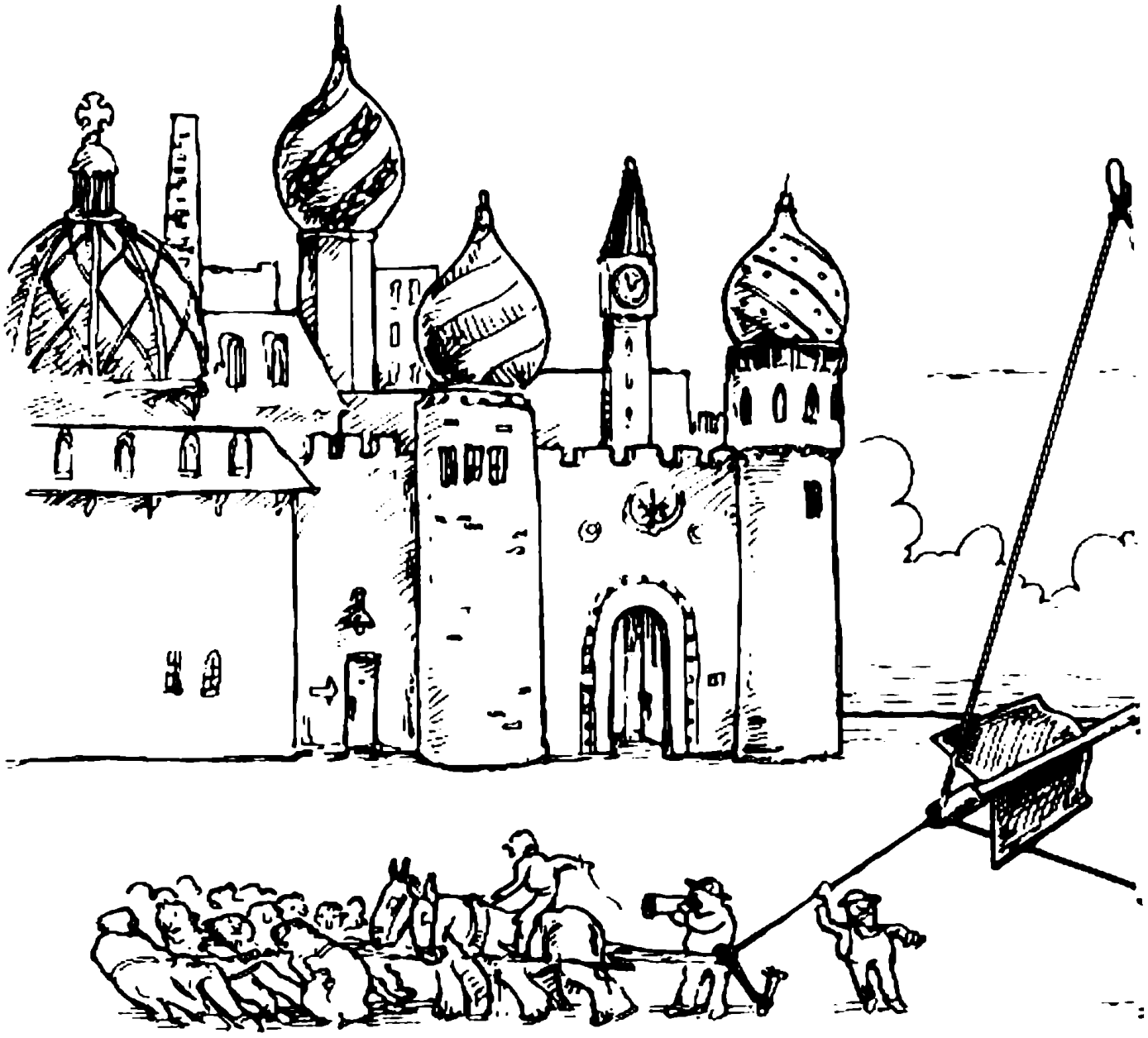
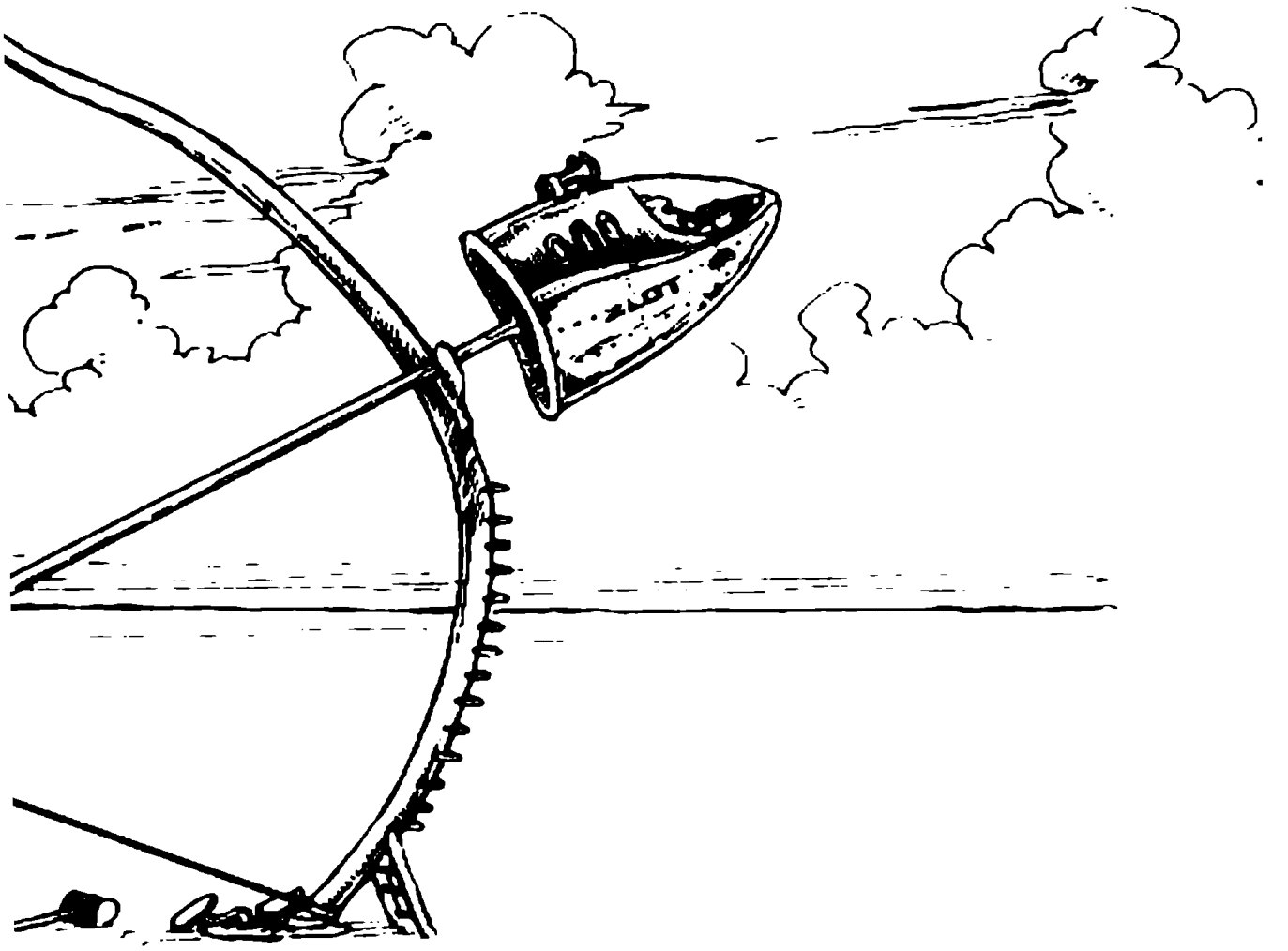
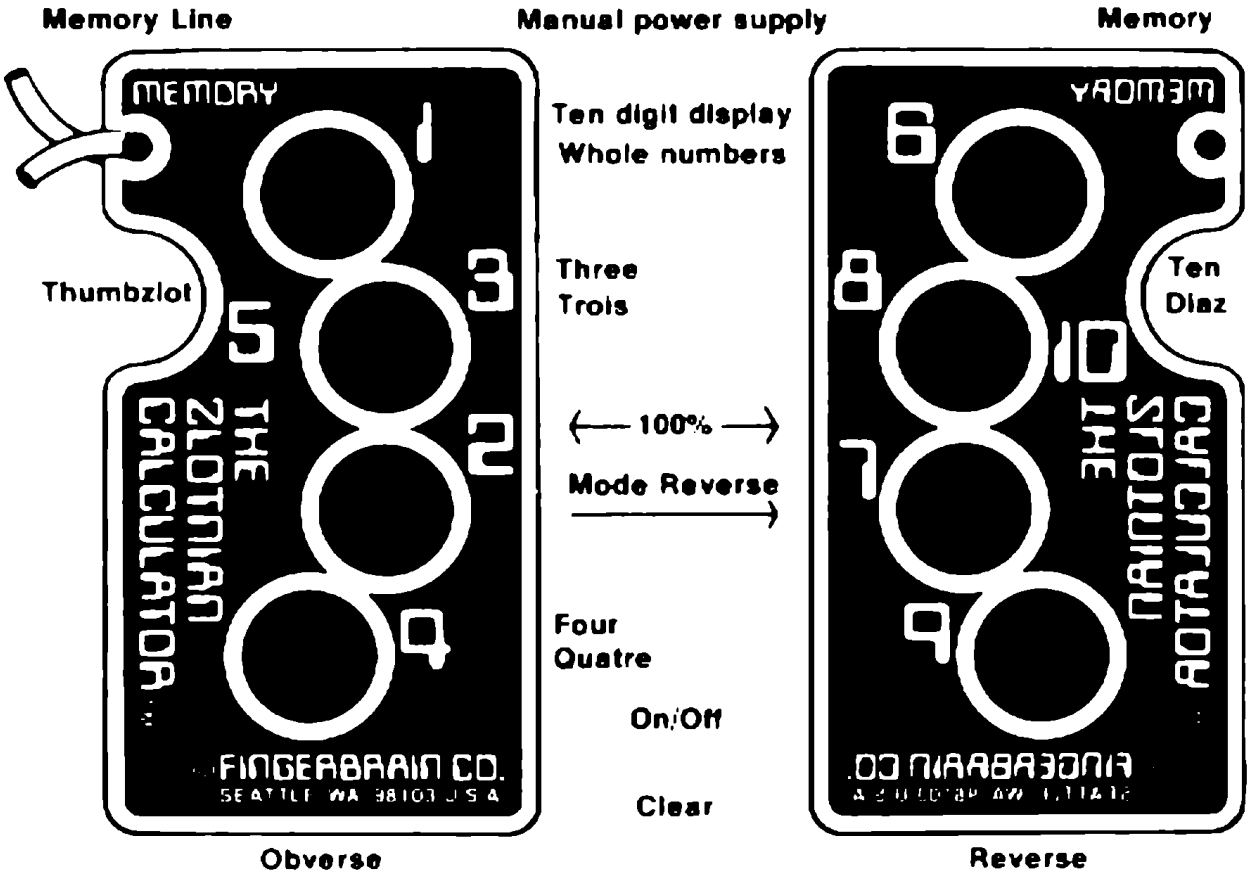


CULATOR
ACE PROGRAM.



YOUR NEW ZLOTNIAN



Congratulations! By purchasing a Zlotnian Digital Calculator, you have just reaffirmed our faith in humanity. Which, after all, is enormously important to us. Without humanity, we Zlotnians would be quite alone. And also quite broke.

This calculator was developed by the noted Zlotnian physicist Hamlet Flatopsky. (Flatopsky's youth was distinguished in 1934 by an international award for his collection of a ball of twine the size of the planet Jupiter.) It has been designed to give you the best possible grip on mathematics. Numbered in the traditional Zlotnian counting sequence of lesser and greater integers, it has kept

CALCULATOR.

Zlotnian merchants honest for years, and guarantees that your calculations will always turn out more or less correct.

This solid state calculator contains only five moving parts when in operation. It requires no hoses, batteries or other electricity for operation. You can count noiselessly for hours, *without moving your lips*, and nothing runs down. Since it is rather narrow, remember that turning your calculator sideways will render it difficult to see, easy to lose. Keep its face pointed toward you at all times.

We guarantee our calculator against malfunction forever. If a malfunction should somehow occur, see a doctor.

MEMORY ASSEMBLY INSTRUCTIONS

A five-foot Memory Line is included with your Zlotnian Calculator to facilitate those operations which require a recall or mode reversal function. To assemble memory, align and insert front end of Memory Line in Calculator hole marked "Memory." Wrap and tuck this end twice around Memory Line, creating a square knot. Memory is now operational.

square knot

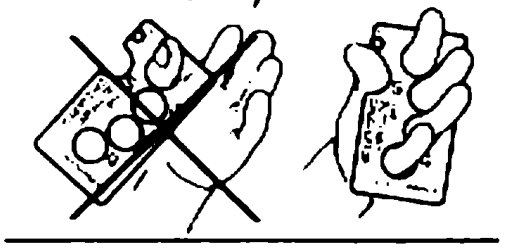
HOW TO USE YOUR N DIGITAL CALCULATOR

In the world of calculators, too little credit has been given to fingers. Despite the fact that they do most of the work. We Zlotnians hope the advent of our calculator will reaffirm the importance of fingers to the world.

Note: When calculating, ignore decimals. A science without decimals never misses the point. We Zlotnians use only whole numbers, and our mathematics is the healthiest in the world.

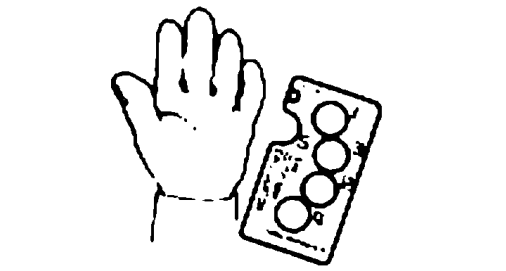
FUNCTIONS

On/Off/Clear (Or "Doing the two-step with your calculator")



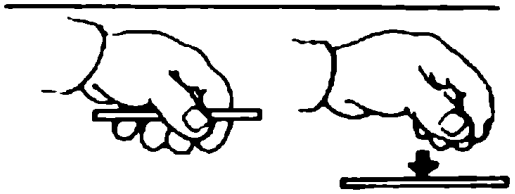
ON

1) Grip calculator in right hand
2) Slip over fingers of left hand, lining up left thumb with #5 notch.



OFF

1) Grip calculator in right hand
2) Remove from left hand



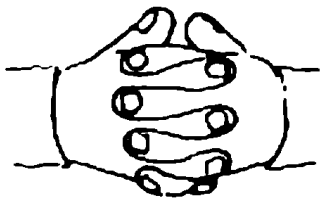
CLEAR

1) Invert left hand
2) Relax fingers

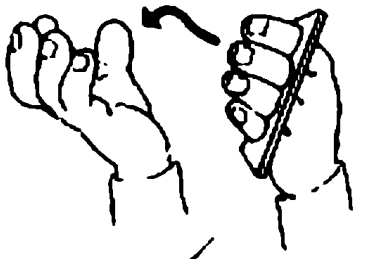
On/Off/Clear functions can also be accomplished by reversing order of hands.

EW ZLOTNIAN

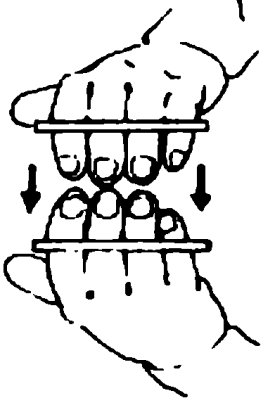
Warning: Keep calculator from reach of young children who may mistakenly teach themselves to count beginning at 6.



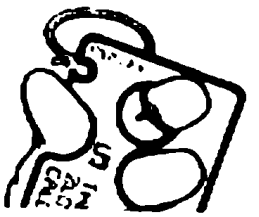
REMOTE CONTROL
1) Follow OFF directions
2) Give calculator to nearby friend
3) Direct him/her to follow ON directions



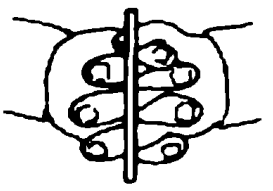
MODE REVERSAL
For higher mathematics. Enables you to proceed with calculations beyond 5.
1) Invert left hand over right
2) Carefully align fingers, i.e., thumb to thumb, #1 finger to #6, etc.
3) Relax and remove left hand



MEMORY LINE
Attached line creates recall function when combined with #1 position. Helps you remember solutions to previous calculations, grocery lists, errands, dentist's appointments, etc.

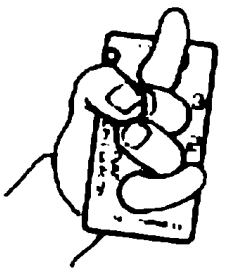


INTEGRAL CALCULUS
Fingers interlocked through calculator.



ARITHMETIC OPERATIONS

Note: Never operate calculator with #3 or #8 fingers in upright position in order to avoid giving offense to other mathematicians nearby.

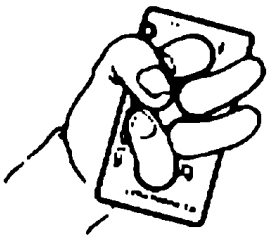


ADDITION:

A foolproof function.

Practice the following:

Hold down your third and fourth fingers (#3 and #2). They equal your thumb (#5).



Hold down your second and fifth fingers (#1 and #4). They equal your thumb (#5). Now proceed.

Use the Memory Line for problems requiring mode reversals. The Memory LIne wrapped one turn around the #1 finger in addition indicates five. Carry in the tenths place by two turns around the #1 finger, hundredths place by two turns around the #1 and #3 fingers, etc. Be sure to transfer all turns to opposite hand in mode reversal.

SUBTRACTION:

The question in Subtraction is, what's the difference?

MULTIPLICATION

To avoid excessive mode reversals, Multiplication makes use of the Memory Line.

All multipliers and multiplicands are reduced to their nearest tens, and the product is then calculated. The five and tens rules from Addition apply here. To keep track of multiplication, wrap the Line one turn about the neck. For every

additional ten thousand, make an additional turn about the neck.

DIVISION:

We also use the Memory Line in Division. To keep track of the Division, make the appropriate first memory wrap around the right or left thigh, and additional wraps for each ten thousand, transferring all finger wraps upon mode reversal.

Example:

255 ÷ 17 = ?

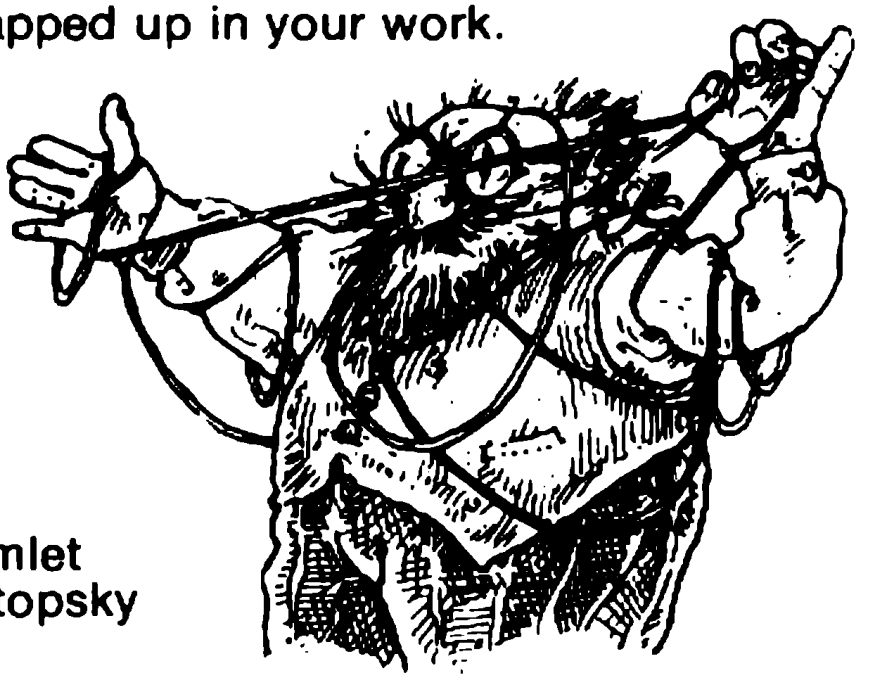
(a) Wrap the fourth finger (#2) once, the first two fingers (#1 and #3) twice for hundreds, then wrap two turns around thumb and one turn around first finger (#1) for tens.

(b) Mode reverse

(c) One turn around right thigh, transfer Memory Line, and one turn around fourth finger (#7). A quick readout gives you the correct answer:

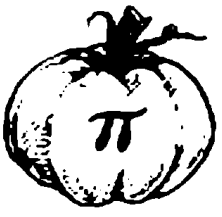
(d) 15.

The Zlotnian Digital Calculator is the only calculator that allows you to become totally wrapped up in your work.



Hamlet
Flatopsky

SIGNS.



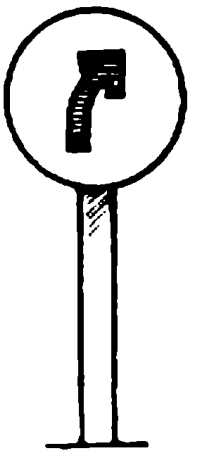
pumpkin pi

square root

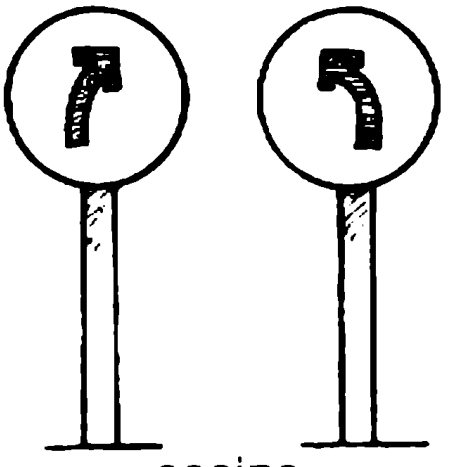
cube root

A drive through the country on a sunny day can be a deeply mathematical experience. Who can ignore the "pi" in every pumpkin patch, the sines and cosines at every intersection? Venturing out to the seashore, you're sure to find tangents and logs, and logarhythms coming from natives at nearby beach parties. And few can view a tree without wondering if it has square or cube roots.

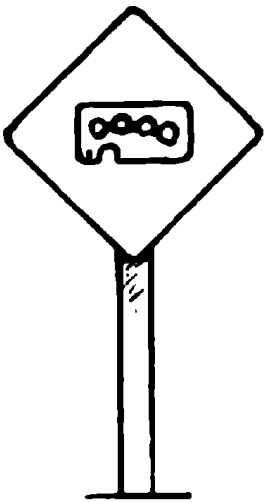
We of the Grand Duchy of Zlotnia are proud of our natural wonders. Hot and cold running lakes — Shmata, Oleo, Dupas and Bliff — unique flat land, and, of course, our Bowling Festival, where contestants have five days to roll their balls the entire length of the country to East Drowsnia, carefully hooking their shots to avoid the lakes.



sine

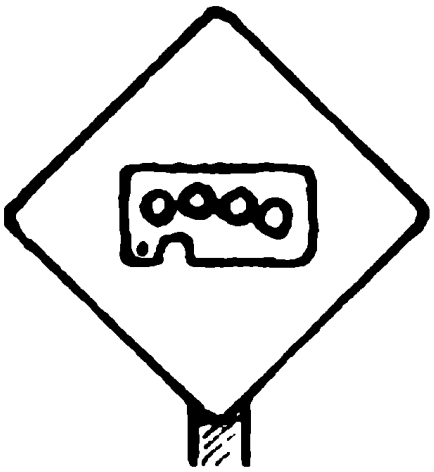


cosine



Zlot sign

When you visit us, come see our calculator factory. It is marked by this sign:



"Plastic Digital Calculator Factory Ahead." Do not confuse it with similar warning signs elsewhere in Europe which mean "Look out for swiss cheese in roadway."

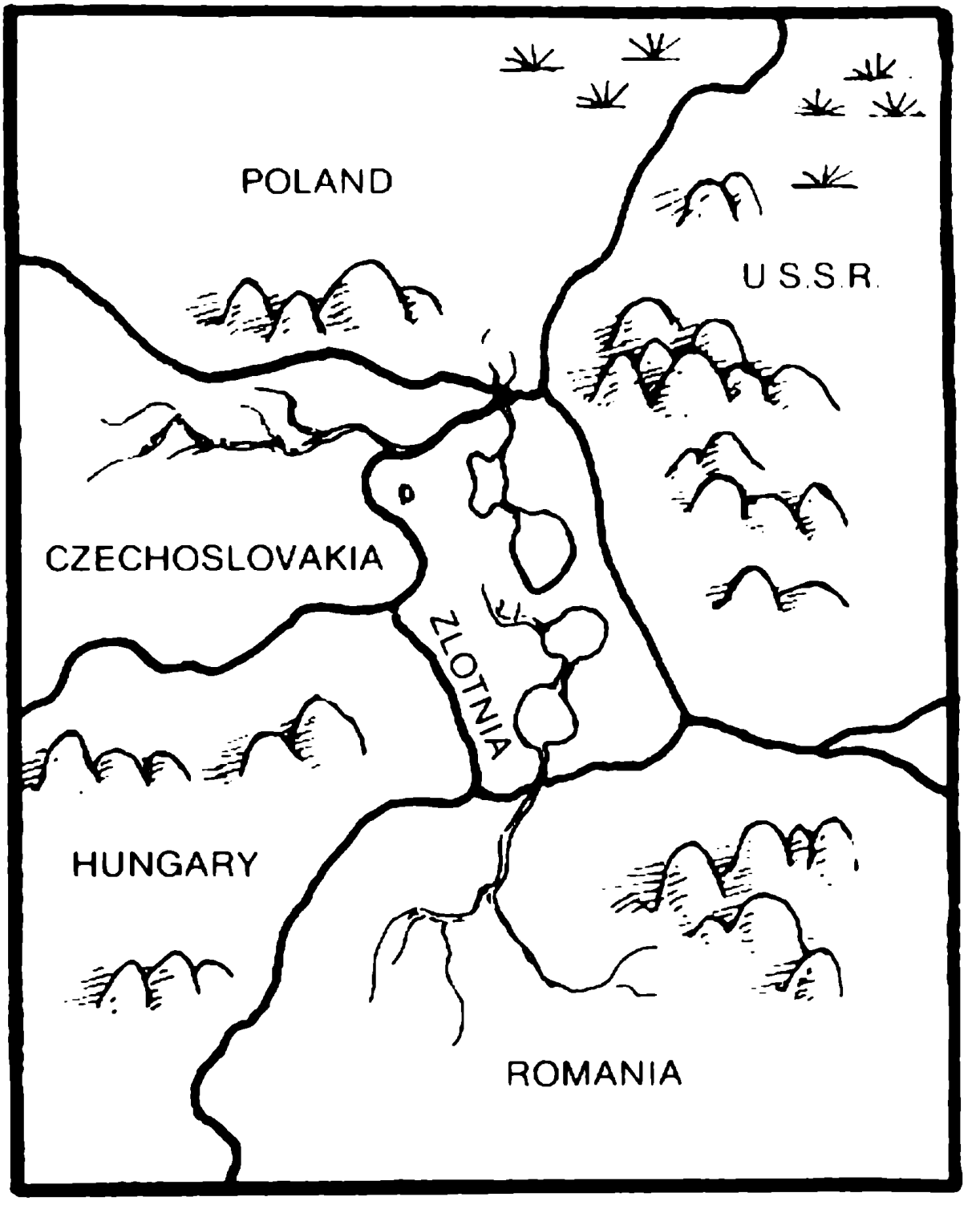
Our strong, tax-free economy based upon the persimmon, tar and feather markets, provides a golden investment opportunity. Choose Zlotnia to relocate your next company. Meantime, come over and keep us company. In Zlotnia, you can see for miles in every direction.

A FEW WORDS ABOU

The tiny, rectangular-shaped Duchy of Zlotnia is all that remains today of the Holy Zlotnian Empire that dominated the known world throughout the early 9th century A.D. The Zlotnian ruling family, the house of Schlepswig-Gurnsey, is said to descend in an unbroken line from Claudius Hiteocles, or Claudius the Lost, whose Roman Legions tramped the length and breadth of what is modern Zlotnia, seeking the return route to Rome. Claudius' headquarters was established near the site of Zlotnia's capitol city, East Drowsnia, creating a nasty litter problem which has grown much worse with the passing centuries. Bordered by Rumania, Poland, Czechoslovakia, Hungary and the USSR, Zlotnia represents a remarkably independent cultural and economic force, even in the midst of its formidable neighbors. Both the Royal Zlotnian Saw Quartet and the Zlotnia Overshoe Ballet have won international acclaim. Zlotnia is the world's leading exporter of frozen persimmons and is the source of 80% of the world's tar and feathers.

Topographically, Zlotnia is unique in the world. Millions of years ago, glacial action made Zlotnia's landscape billiard-table flat. It is not only possible to roll a bowling ball the entire 140-mile length of Zlotnia, that practice is the national pastime, Zlotnian Bowling. Zlotnia's state bird is the Great Blue Kiwi; the state flower is the Chugging Ajuga. The national motto of Zlotnia is: "A rolling stone gathers more speed."

T ZLOTNIA.



WARRANTY.

When not used as a children's cuff guard for fingerpainting, as a pie cutter, ice scraper, plastic knuckle, or sextant for plotting the seasons at Stonehenge, this Zlotnian Calculator is unconditionally guaranteed up to five, both sides. Further, we warrant its part against defect forever (See Your New ZC section inside). We guarantee that our calculator is anti-magnetic, shock resistant, and waterproof. It is the official calculator of the Zlotnian Frogman Underwater Re-Cycling Team.

Beware of imitators.

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